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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SKF-96365

TRPC channel blocker
Catalog No. SIH-305



Discovery through partnership | Excellence through quality

Overview

Product Name

SKF-96365

Description

TRPC channel blocker

Purity

>98%

CAS No.

130495-35-1

Molecular Formula

C₁₁H₁₁N₃O₃.HCl

Molecular Weight

402.92

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble to 100 mM in water

Source

Synthetic

Appearance

White solid

SMILES

COC1=CC=C(C=C1)CCOC(CN2C=CN=C2)C3=CC=C(C=C3)OC.Cl

InChi

InChi=1S/C22H26N2O3.ClH/c1-25-20-9-5-18(6-10-20)4-3-15-27-22(16-24-14-13-23-17-24)19-7-11-21(26-2)12-8-19;/h5-14,17,22H,3-4

InChIKey

FWLPKVQUECFKSW-UHFFFAOYSA-N

Safety Phrases

Classification: Irritant. May be harmful if inhaled, swallowed or absorbed through skin.

Safety Phrases:

S22 - Do not breathe dust

S24/25 - Avoid contact with skin and eyes

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

Hazard Phrases:

H315-H319-H335

Precautionary Phrases:

P261-P305 + P351 + P338

Cite This Product

SKF-96365 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-305)

Biological Description

Alternative Names

1-{2-(4-Methoxyphenyl)-2-[3-(4-methoxyphenyl)propoxy]ethyl}-1H-imidazole hydrochloride (1:1)

Research Areas

Ion Channels, Neuroscience, Transient Receptor Potential Channels

PubChem ID

104956

Scientific Background

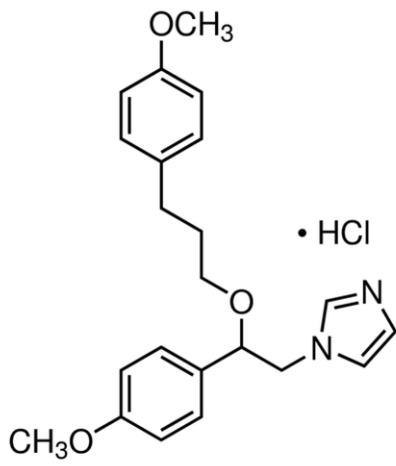
SKF-96365 is a selective inhibitor of receptor mediated Ca²⁺ entry and voltage-gated Ca²⁺ entry (1). It has also been shown to inhibit cytochrome P-450 mediated reactions (1,2), and reversibly activates non-selective cation channels in human endothelial cells (1,3).

References

1. Leis H.J., et al. (1995) *Br J Pharmacol.* 114(3): 598-601.
 2. Sheets J.J., Mason J.L., Wise C.A. and Eastabrook R.W. (1986) *Biochem Pharmacol.* 35: 487-491.
 3. Schwarz G., Droogmans G. and Nilius B. (1994) *Cell Calcium.* 15: 45-54.
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Product Images

Chemical structure of SKF-96365 (SIH-305), a TRPC channel blocker. CAS #: 130495-35-1. Molecular Formula: C₂₂H₂₆N₂O₃.HCl. Molecular Weight: 402.92 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.